What is claimed is:

1. A solenoid arrangement comprising:

at least one excitation coil;

an armature arranged concentrically relative to the excitation coil and axially movable when the at least one excitation coil is supplied with current;

a magnetizable cup-shaped housing part open at a first axial side, wherein the at least one excitation coil is at least partially surrounded by the magnetizable cup-shaped housing part;

a magnetizable yoke, wherein the first axial side is covered for closing the magnetic circuit by the magnetizable yoke; and

a housing cover covering the solenoid arrangement and formed of plastic material, wherein the plastic material has at least one attachment flange for mounting the solenoid arrangement.

2. The solenoid arrangement according to claim 1, further comprising contacts of an electric plug for contacting the at least one excitation coil, wherein the contacts are embedded in the plastic material and wherein the plastic material forms a plug housing of the electric plug.

3. The solenoid arrangement according to claim 1, wherein the cup-shaped housing part and the yoke are secured in the plastic material in a position so as to contact one another.

4. The solenoid arrangement according to claim 1, further comprising a sleeve axially welded onto the cup-shaped housing part.

5. The solenoid arrangement according to claim 4, further comprising a guide member contacting the cup-shaped housing part, wherein the armature has a plunger guided in the guide member.

6. The solenoid arrangement according to claim 5, wherein the guide member and the armature are enclosed by the sleeve, wherein the sleeve is sealed and supports the armature so as to be axially movable in the sleeve.

7. The solenoid arrangement according to claim 5, wherein the plunger has an end projecting from the guide member, wherein the end has a rotatably supported ball.

8. A control member for effecting a fluid flow, comprising a solenoid arrangement according to claim 1 and further comprising a valve slide.

9. The control member according to claim 8, wherein the valve slide is a 4/3 directional control valve switched by the plunger of the solenoid arrangement.

10. A method for manufacturing a solenoid arrangement comprising at least one excitation coil; an armature arranged concentrically relative to the excitation coil and axially movable when the at least one excitation coil is supplied with current; a magnetizable cup-shaped housing part open at a first axial side, wherein the at least one excitation coil is at least partially surrounded by the magnetizable cup-shaped housing part; a magnetizable yoke, wherein the first axial side is covered for closing the magnetic circuit by the magnetizable yoke; the method comprising the steps of:

placing the cup-shaped housing part containing the at least one excitation coil and the yoke into a mold of an injection molding device;

injecting a plastic material into the mold for securing the cup-shaped housing part and the yoke to one another in a contacting position.

11. The method according to claim 10, further comprising the step of pressing the cup-shaped housing part and the yoke against one another by at least one holding-down device.

12. The method according to claim 10, further comprising the steps of:

radially contacting a guide member for the plunger and the cup-shaped housing part for closing the magnetics circuit;

axially placing a sealing sleeve surrounding the guide member onto the cup-shaped housing part and connecting the sleeve to the housing part.